

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed December 13, 2004. At the time of the Office Action, Claims 1-3, 6-8, 10, 11, 19-21, and 26-29 were pending in this Application. Claims 4, 5, 9, 12, 13, 18, and 22-25 were previously withdrawn due to an election/restriction requirement. Claims 1-3, 6-8, 10, 11, 19-21, and 26-29 were rejected. Claims 1-3, 6-8, 10, 11, 19-29 have been amended to further define various features of Applicant's invention. Applicant respectfully requests reconsideration and favorable action in this case.

Rejections under 35 U.S.C. § 112

Claim 19 was rejected by the Examiner under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. Applicant amends Claim 19 to overcome this rejection.

Rejections under 35 U.S.C. § 102

Claims 1, 2, 6, and 19-21 were rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,371,450 issued to Kazuo Hiraoka ("Hiraoka"). Claims 10, 11 and 26-28 were rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by Hiraoka. Applicant respectfully traverses and submits the cited art does not teach all of the elements of the claimed embodiment of the invention. Claim 1 is directed to, *inter alia*, a control unit which from a reported first variable generates a first setpoint, derives a first internal variable from the first variable and generates an intermediate setpoint, said intermediate setpoint corrected by a second variable, and a second setpoint is generated, wherein a machine control parameter is generated from said first and second setpoints. It is respectfully submitted that Hiraoka fails to disclose the generation of the claimed intermediate setpoint that is corrected by a second variable to generate a second setpoint which is then utilized with the first setpoint

(generated from a first variable) to generate a machine control parameter. Withdrawal of the rejection and favorable action is requested in relation to Claims 1-3, 6-8, 10, 11 and 19-29.

In relation to Claims 19-20, it is further noted that Hiraoka does not disclose or suggest a system wherein a third variable is considered and utilized to generate a machine control parameter. And Hiraoka fails to teach or suggest the subject matter of Claims 22-24 directed to variables relating to mold position, mold closing pressure, ejection mechanism positions, ejection mechanism ejecting force, opening and closing pressure of a mold etc. Withdrawal of the rejection is requested.

Applicant submits new Claim 30 directed to a system comprising, *inter alia*, a group of sensors, *e.g.*, a screw position sensor, optionally a heating element sensor, an injection pressure sensor, a mold holder position sensor, a mold ejector position sensor, and a mold holder motor sensor, wherein a control unit adjusts screw motor current based on signals from said sensors. It is submitted Hiraoka fails to disclose this claimed subject matter. Favorable action is requested.

Information Disclosure Statement

Applicant would like to bring to the Examiner's attention that Applicant filed an Information Disclosure Statement on June 27, 2001. Applicant respectfully requests that the Information Disclosure Statement be considered and cited in the examination of the above-referenced application. Applicant attaches a copy of the Information Disclosure Statement and PTO Form 1449 filed June 27, 2001 for the Examiner's convenience and a copy of the postcard receipt evidencing receipt by the Patent Office.

Change of Correspondence Address

Applicants respectfully request that all papers pertaining to the above-captioned patent application be directed to Customer No. 31625 and all telephone calls should be directed to Bruce W. Slayden II at 512.322.2606. Applicants enclose a Change of Correspondence Address for the U.S. Patent and Trademark Office records.

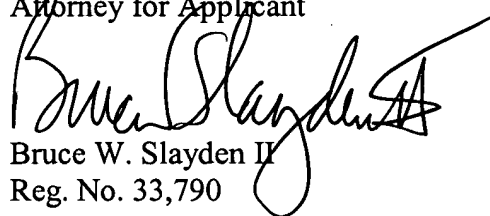
CONCLUSION

Applicant has now made an earnest effort to place this case in condition for allowance in light of the amendments and remarks set forth above. Applicant respectfully requests reconsideration of Claims 1-29 as amended and new Claim 30.

Applicant believes there are no fees due at this time, however, the Commissioner is hereby authorized to charge any fees necessary or credit any overpayment to Deposit Account No. 50-2148 of Baker Botts L.L.P.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicant's attorney at 512.322.2606.

Respectfully submitted,
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3/14/2005